

Robot Vacuum Cleaner

What it is

It is a device that automatically (without your help) cleans the floor. Robot vacuum cleaner is small and compact: it weighs about 3 kg and has a diameter of around 50 cm and in height - up to 10 cm. In specialized stores different models of robots vacuum cleaners are available provided by various manufacturers. Their price range from about 100 up to 1000 EUR.



How it works

Robot Vacuum Cleaner is equipped with rotating brushes to lift dirt from the floor, one side brush for sweeping corners and a small vacuum cleaning unit. This device has an infrared sensor that secures its movement and orientation in a room – allows distinguishing the stairs or hollows. It can over climb about 3 cm high barriers and slip under bed and wardrobes if they are not too low. Robot Vacuum Cleaner is running on battery. When fully charged, it works for one, two hours and returns to its charging station when the work is finished. Depending on the model in one go, it can clean an area of 60-90 m².

Robot Vacuum Cleaner is suitable for cleaning of different flooring (tile, laminate, wood, short hair carpet) and it is able to clean up dirt almost as any conventional vacuum cleaner.

Robot Vacuum Cleaner - pros

- ☺ it helps you to deal with everyday household tasks - it cleans the floor in your house while you are doing something else or relaxing
- ☺ its electricity consumption is small (its capacity is around 30 W)
- ☺ there are models that can be programmed to start cleaning at a particular time or to clean up selected area e.g., a hallway within a radius on 1 m
- ☺ cleaning takes place more quietly than with the conventional vacuum cleaner
- ☺ after the room is cleaned up you will sense obnoxious smell of dust frequently created by conventional vacuum cleaner.

Robot Vacuum Cleaner - cons

- ☹ it does not fit for cleaning of very fluffy, long hair carpets, and also not for cleaning of very dark carpets without prior recalibration – the robot may perceive them as obstacles
- ☹ cleaning up takes time – cleaning up an area of 60m² will take up to an hour; the presence of carpets extends the cleaning process
- ☹ for reaching an ideal purity you will have to help the device because it might not access all places in your room, and might not be able to mop up all the debris on the floor
- ☹ alarm motion sensors may react on bustling of the device around your flat
- ☹ if the floor is dusty filters, garbage tanks, and brushes need to be cleaned quite often (for some models even after each operation)
- ☹ before cleaning rooms shall be exempt from obstacles such as strewn toys, electrical wires in the middle of the room.